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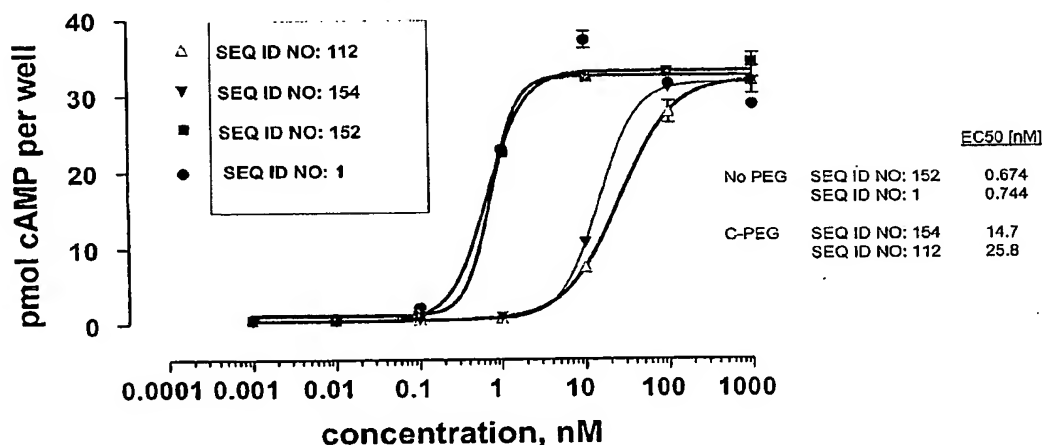
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Declarations under Rule 4.17:

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[Continued on next page]

(54) Title: PITUITARY ADENYLATE CYCLASE ACTIVATING PEPTIDE (PACAP) RECEPTOR (VPAC2) AGONISTS AND
THEIR PHARMACOLOGICAL METHODS OF USE



(57) Abstract: This invention provides novel peptides that function in vivo as agonists of the VPAC2 receptor. These insulin secre-
tagogue polypeptides are shown to lower blood glucose in vivo upon glucose challenge. The polypeptides of this invention are also
stable in formulation and have long half-lives. The peptides of the present invention provide a therapy for patients with decreased
endogenous insulin secretion, for example, type 2 diabetics. The invention is also directed to a method of treating a metabolic disease
in a mammal comprising administering a therapeutically effective amount of the peptides to said mammal.



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